

Serial No. 09/427,050
Filed: October 25, 1999
Examiner: R. Sergeant
Group Art Unit: 1711

(a) from about 0 % to about 5.0 % based on the weight of the composition of a urethane catalyst;

(b) from about 10% to about 90% based on the weight of the composition of a phthalate polyester-ether polyol which is the reaction product of about 20-45% by weight of phthalic anhydride diethylene glycol ester and 55-80% by weight of propylene oxide;

(c) from about 0 - 50 percent by weight of an auxiliary polyether polyol, polyester polyol, or a mixture thereof;

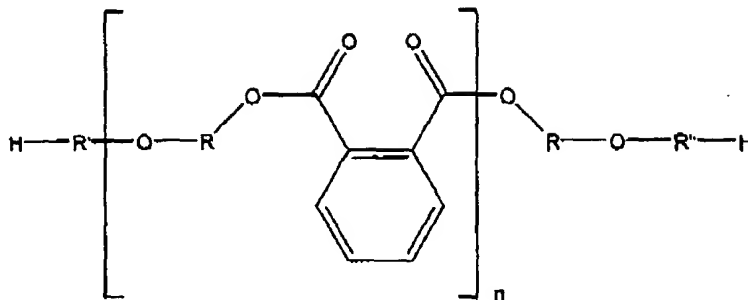
(d) from about 0% to about 10% based on the weight of the composition of a blowing agent; and

(e) from about 0% to about 5% based on the weight of the composition of a compatibilizing surfactant.

4. (Amended) A composition according to claim 1, wherein the urethane catalyst is tetramethylbutanediamine (TMBDA), 1,4-diaza(2,2,2)bicyclooctane (DABCO), dibutyltin dilaurate (DBTDL) tin octoate (SnOct), dimorpholine diethylether (DMDEE), or mixtures thereof.

5. (Amended) A composition according to claim 4, wherein the polyester-ether polyol has the formula:

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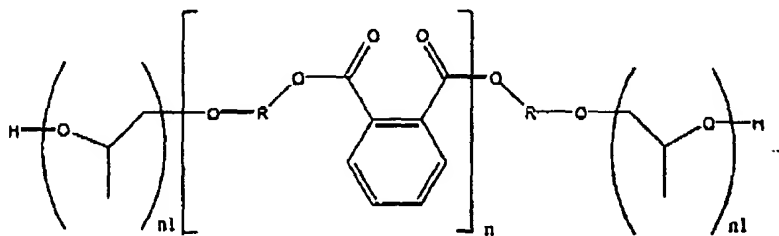


wherein R represents $-(CH_2)_2O(CH_2)_2$ and

wherein R' and R'' are $-[CH_2CH(CH_3)O]_{n1}-$, where each $n1$ independently represents an integer of from 3-15; and

wherein n is from 1-8.

33. (Amended) A polyester-ether polyol for use in preparing urethane prepolymers, urethane foams and non-foam urethane coatings, sealants, adhesives and/or elastomers of the formula:



wherein each R is $-(CH_2CH_2OCH_2CH_2)-$; wherein each $n1$ is independently from 3-15; and

wherein n = 1-8.

sub C27 34. (Amended) A method for preparing a phthalate polyester-ether polyol comprising the steps of combining